

OPEN-FILE REPORT
This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature.

EXPLANATION

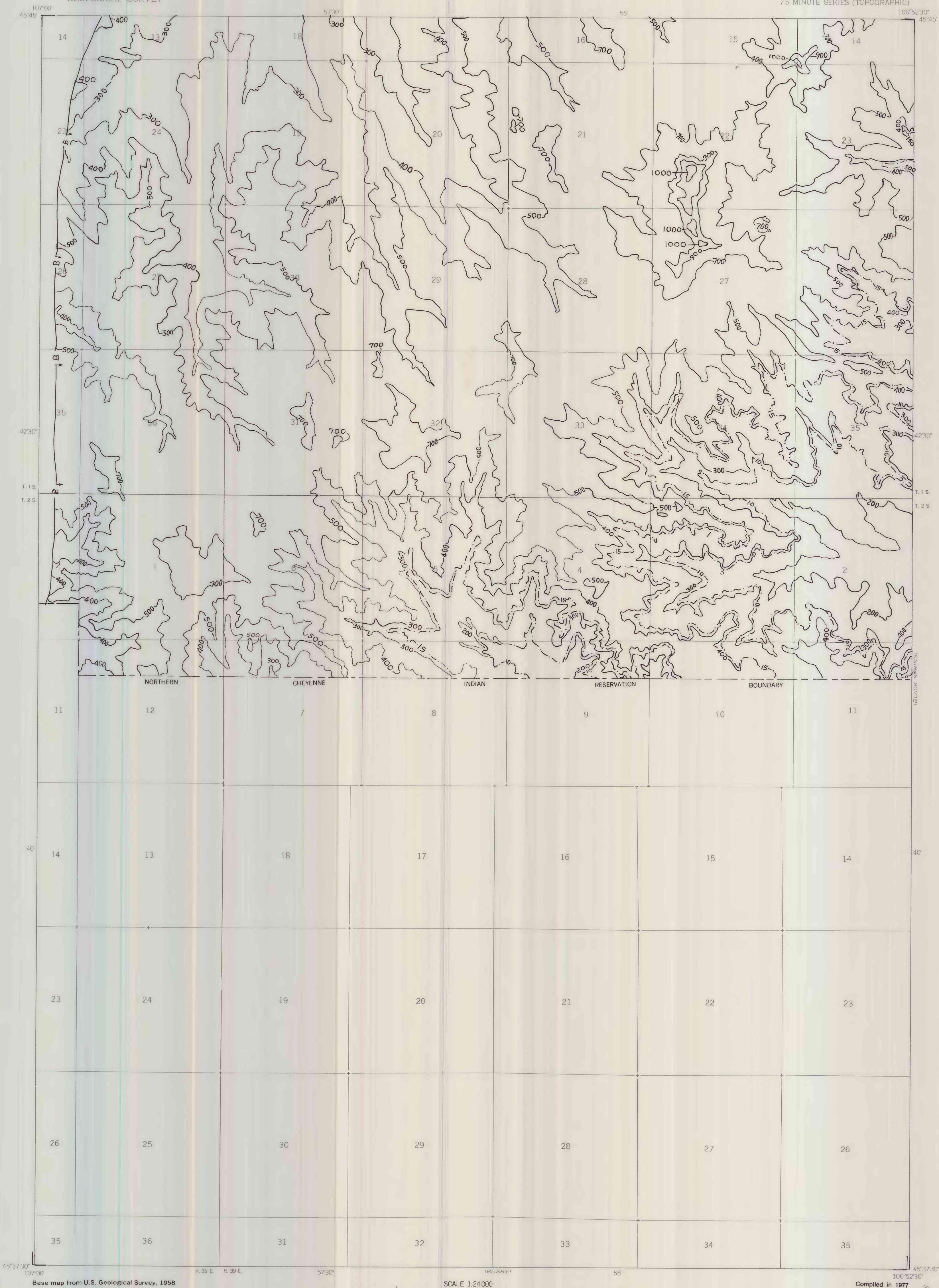
OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Overburden isopachs within the stripping limit are omitted where they are too close to a mining-ratio contour for map readability. Isopach interval 100 feet (30.5 m) for overburden thickness 500 feet (152.5 m) or less; 200 feet (61 m) for overburden thickness greater than 500 feet (152.5 m) with an intermediate 1000-foot (305 m) isopach.

BOUNDARY OF COAL 5 FEET OR MORE THICK—
Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

MINING-RATIO CONTOUR—Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

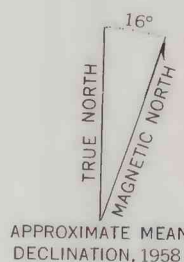
To convert feet to meters, multiply feet by 0.3048.

To convert yds³/ton to m³/metric ton, multiply yds³/ton by 0.842.

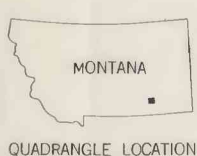
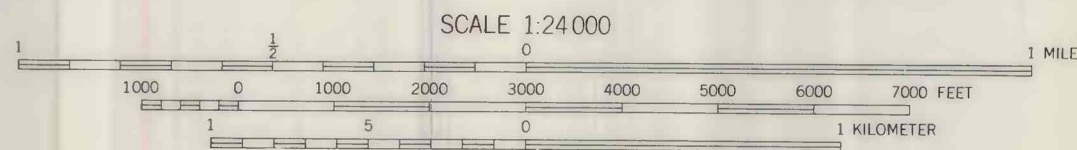


Base map from U.S. Geological Survey, 1958

Compiled in 1977



APPROXIMATE MEAN
DECLINATION, 1958



QUADRANGLE LOCATION

**COAL RESOURCE OCCURRENCE MAP OF THE CHALKY POINT QUADRANGLE,
BIG HORN AND ROSEBUD COUNTIES, MONTANA**
BY
**COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979**